

Strain Gage Cement



OTHER ACCESSORIES USED IN A GC CEMENT INSTALLATION:

- CSM Degreaser or GC-6 Isopropyl Alcohol
- Silicon-Carbide Paper
- M-Prep Conditioner A
- M-Prep Neutralizer 5A
- GSP-1 Gauze Sponges
- GT-11 Camel's Hair Brush
- SPT-1 Double Blade Spatula

DESCRIPTION

Single-part ceramic cement for bonding free-filament strain gages (wire and foil). Recommended for installations on low-TCE materials such as carbon.

CHARACTERISTICS

Operating Temperature Range:

–320° to +2000°F [–195° to +1093°C].

Elongation Capabilities:

0.5% at +75°F [+24°C].

Shelf Life:

1 year at +75°F [+24°C].

Pot Life:

1 year at +75°F [+24°C].

Temperature Coefficient of Expansion:

1.5 ppm/°F [2.7 ppm/°C].

Cure Requirements:

Precoat: Air-dry 30 minutes at +75°F [+24°C], then 30 minutes at +200°F [+95°C] followed by 30 minutes at +300°F [+150°C].

Final Coat: Air-dry 30 minutes at +75°F [+24°C], then 30 minutes at +200°F [+95°C] followed by 30 minutes at +300°F [+150°C], and final 1 hour at +600°F [+315°C].

PACKAGING OPTIONS

Kits:

1 bottle [1 oz/30 ml] premixed.